

PETTINGER, H.

Present designs for an open-cycle gas turbine; cleaning gas turbines,
gas turbines as a means for covering peak loads, mobile generating plants. p. 15.

ELEKTROPRIVRTA, Beogra , Vol. 4, No. 1 Jan. 1956

SO: REAL, Vol. 5, No. 7 July 1956

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001240720013-1"
Category : CZECHOSLOVAKIA/Nuclear Physics - Instruments and Installations
Method of Measurement and Investigation.

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 261

Author : Pfetscher, O.

Title : Measuring Instrument for Use with Geiger-Mueller Counters.

Orig Pub : Elektronik, 1956, 5, No 4, 89-93

Abstract : No abstract

Card : 1/1

PFETTSER, P.

Office of safety measures. Neftianik 7 no.1:21 Ja. '62.
(MIRA 15:2)
(UFA—Petroleum refineries--Safety measures)

PFETTSER, P.Kh.

Pumping out of cracking residue with centrifugal pumps. Neftianik 6
no.8:21-22 Ag '61. (MIRA 14:10)

1. Zamestitel' nachal'nika tekhnicheskogo otdela Chernikovskogo
nefteprerabatyvayushchego zavoda.
(Cracking process) (Centrifugal pumps)

PFETTSEB, P.TS.

Efficiency proposals in a petroleum refinery. Neftianik 6 no.5:16-
17 My '61. (MIRA 14:5)

1. Nachal'nik Byuro sodeystviya ratsionalizatsii i izobretatel'stvu
Chernikovskogo neftepererabatyvayushchego zavoda.
(Petroleum—Refining)

PFETTSEY, P. TS.

We make use of experience. Neftianik 6 no. 11:15 N '61.
(MIRA 14:12)

1. Zamestitel' nachal'nika tekhotdela Chernikovskogo
neftepererabatyvayushchego zavoda.
(Chernikovsk. Petroleum refineries--Equipment and supplies)

DATE: 11/11/11

THE SECRETARY OF THE ARMY, WASHINGTON, D. C. 20315

Chem A PFEYFER T. A.

10

Reaction of aromatic compounds with allyl chloride and allyl alcohol in the presence of acidic catalysts. I. Reaction of benzene and toluene with allyl chloride and bromide in the presence of aluminum chloride. I. P. Losev, O. V. Smirnova, and T. A. Pfeyfer (D. I. Mendeleev Chem. Tech. Inst., Moscow), *Zhur. Obshch. Khim.* (J. Gen. Chem.) 21, 1068-70 (1951). C_6H_6 , $\text{CH}_3\text{CH}_2\text{CH}_2\text{Cl}$ (I) and C_6H_5 react in the presence of AlCl_3 in a complex manner yielding among other products, principally indan, $\text{MeCHPhCH}_2\text{Ph}$ (IA), and *9-methyl-9,10-dihydroanthracene* (II), with possible intermediates being allylbenzene, *o*- or *p*-diallylbenzenes, or $\text{PhCH}_2\text{CH}_2\text{CH}_2\text{Cl}$. The indan synthesis is facilitated by larger units of AlCl_3 , while a decrease of the latter favors the open chain products. C_6H_6 , $\text{CH}_3\text{CH}_2\text{CH}_2\text{Br}$ reacts similarly, and the reaction with MePh also proceeds analogously. In typical expts. the following results were secured: Slow addition of 76.5 g. I to 234 g. dry C_6H_6 and 166.7 g. AlCl_3 , followed by 2 hrs. at 50° until HCl ceased to evolve, gave, upon treatment with H_2O and 12 hrs. standing for separation of layers, 5.0% fraction, b. $150-200^\circ$, consisting of allylbenzene (b. 155°), *o*-diallylbenzene, b. 94° , indan, b. 176.5° , and *p*-diallylbenzene, b. 81.3° ; 4.1% $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{CH}_2\text{Ph}$, b. 219° ; 8.9% intermediate fraction, b. $250-80^\circ$, 10% IA, b. 280.2° , and 27.2% II, b. $282-300^\circ$ m. $80-81^\circ$.

Bromination of indan in CHCl_3 at 25° gave mixed *1,2*- and *1,6*-di-*Br* isomers, b. $180-3^\circ$, strong exo-rotatory, which crystallized at atm. pressure gave a crystal m. 90° (decolor.), which, oxidized with 25% HNO_3 at 100° , gave upon sublimation *bromophthalic anhydride*, subliming at $160-6^\circ$. If the ratio of C_6H_5 : $\text{I} : \text{AlCl}_3$ is 2 : 1 : 5 : 1.28, 40% IA, b. 280.1° , d_4^{20} 0.981, n_D^{20} 1.558, is obtained. Nitration of this (1.9 g. with 3.5 g. nitration mixt. (20% HNO_3 , d. 1.51, 67% concd. H_2SO_4 , and 13% H_2O) 2 hrs. at 50° yields 1-*p*-nitrophenyl-2-phenylpropane, b. 133.5° , d_4^{20} 0.991, and in addition *p*-tetranitrodecan, b. 180° . Oxidation of the former with $\text{K}_2\text{Cr}_2\text{O}_7\text{-AcOH}$ gave *p*- $\text{O}_2\text{NC}_6\text{H}_4\text{CHO}$ and AcPh . Distillation of IA in the presence of AlCl_3 or heating on a steam bath with AlCl_3 , followed by aq. treatment and distn., yield II. I with MePh under the conditions given for C_6H_6 yields 22% 7-methylindan, b. 182.1° , about 8% *monodibenzene*, b. $107-0^\circ$, 17.5% 1,2-bis(*o*-tolyl)phenylpropane, b. 290.8° (oxidation yields $\text{MeC}_6\text{H}_4\text{CHO}$), and some 40% crude 1,2-trimethyl-9,10-dihydroanthracene (pure, b. 263.4°).

G. M. Kosolapoff

125

KOGAN, Ya. I.; ~~PFEYER, T. A.~~; KORSÁKOV, V. V.

Aerosol sedimentometric method of determining dispersion composition
of powders and dust deposits. Zav. lab. 24 no. 10:1219-1224 '58.
(MIRA 11:11)

(Sedimentation analysis)

AUTHORS: Kogan, Ya. I., Pleyfer, ~~T. A.~~,
Korsakov, V. V. SIV, 32-24-10-1

TITLE: An Aerosol-Sedimentometric Method for the Determination
of the Composition of Powders and Dust Precipitates
by Means of Dispersed Light (aerazol'nyy sedimentometricheskij
metod opredeleniya disperznogo sostava poroshkov i
pylevykh osadkov)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 10,
pp 1219 - 1224 (USSR)

ABSTRACT: The present methods for the determinations mentioned
in the title exhibit a great many deficiencies. A
method is described which in principle is a spraying
of the powder sample by a short air blow. The particles
of the dust cloud continuously deposit (in calm air)
on the surface of a moving black mirror. The precipitate
is subjected to a photometric investigation in dispersed
light. A schematic representation of the device as well
as an exact description are given. To judge the resolution
of the particles in the aerosol-sedimentometer a number

Card 1/3

An Aerosol-Sedimentometric Method for the Determination of the Composition of Powders and Dust Precipitate by Means of Dispersed Light

of microphotos are given. The photos were made at different sections of the same precipitate of a sample of silicate powder. The quantity $I(\psi)$ can be determined visually or photometrically. A device for the photometer according to Zeiss (Tsena), which was used in the experiments is shown in a figure. A graphic representation to compare the measuring results obtained according to the microscopic and the photometric method shows their good agreement. In the present paper the microscopic and photometric analyses were carried out by N.A. Savina. A diagram showing the composition of the polish-powders Nr 320 and 180 obtained according to the dispersion determination is given too. There are 9 figures and 1 reference, which is Soviet.

Card 2, 3

An Aerosol-Sedimentometric Method for the Determination of the Composition of Powders and Dust Precipitates by Means of Dispersed Light

Card 3/3

PFEYFER, T. A.

USSR/Chemistry - Aromatic Hydrocarbons

Apr 51

"Interaction of Aromatic Compounds With Allyl Chloride and Allyl Alcohol in presence of Acid Catalysts. I. Interaction of Benzene and Toluene With Allyl Chloride and Bromide in Presence of Aluminum Chloride," I. P. Losev, O. V. Smirnova, T. A. Pfeyfer, Lab of Moscow Chemicotech Inst imeni D. I. Mendeleev

"Zhur Obshch Khim" Vol XXI, No 4, pp 668-676

Reacted allyl chloride with C_6H_6 in presence of anhyd $AlCl_3$ to form hydrindene, 1,2-diphenylpropane, monallylbenzene, o- and p-diallylbenzenes, γ -chloropropylbenzene, 9-methyl-9,10-dihydroanthracene. Conducted further expts to clarify structures. Alkyl bromide reacted under similar conditions with C_6H_6 to yield similar results, with toluene to yield 2,7,9-trimethyl-9,10-dihydroanthracene and side products 7-methylhydrindene and 4,4"-dimethyl-1,3-diphenylpropane.

182T19

PFEIFFER, G.

Pfeiffer, G. La réception et l'intégration par la méthode spéciale des équations, systèmes d'équations semi-Jacobiens, des équations, systèmes d'équations semi-Jacobiens généralisés aux dérivées partielles du premier ordre de plusieurs fonctions inconnues. Akad. Nauk Ukrain. RSR, Zbirnik Prac Inst. Mat. 1946, no. 8, 153-162 (1947). (Ukrainian. Russian and French summaries.)

As the title indicates, the paper is concerned with a special method for solving semi-Jacobian systems of partial differential equations. Such a system arises from a linear partial differential equation of the first order containing one or more parameters whose elimination leads to the Jacobian system of equations which are nonlinear. Three illustrative examples are worked out, but the validity of the stated "rules" is not clear. M. S. Krasnov (Pullman, Wash.)

Source: Mathematical Reviews,

Vol.

2

No.

4

PFEIFFER, G. V.

Pfeiffer, G. V. New ways of researches in Poincaré's problem and integration of partial equations. *Praci Sibirskoi Soud Akad. Nauk URSS, Dopovidi Vsesoiu Fiz.-Him. Mat. Nauk* 2, 202-206 (1944). (Ukrainian, Russian and English summaries)

A summary of work dealing with the symbolic forms in $n+1$ variables $x_1, \dots, x_{n+1}$

$$Q = M dx_1 + \dots + dx_n + \sum_{i,j} M_{ij} dx_i dx_j + \dots + \sum_{i_1, \dots, i_n} M_{i_1, \dots, i_n} dx_{i_1} \dots dx_{i_n} + \dots$$

and the corresponding equations

$$0 = J = M + \sum_{i,j} M_{ij} \frac{\partial x_i}{\partial x_j} + \sum_{i_1, \dots, i_n} M_{i_1, \dots, i_n} \frac{\partial(x_{i_1}, \dots, x_{i_n})}{\partial(x_1, \dots, x_n)}$$

which are linear in Jacobians. Results of Hamburger and Courant can be found in new ways and generalized to the case of systems of equations linear in Jacobians.

D. J. Strick (Cambridge, Mass.).

Source: *Mathematical Reviews*

Vol. 8, No. 2

PFEYFER, G. V.

"Equations, Linear in Jacobians, on which are Distributed Generalized--Jacobi, the Jacobi Systems of Linear Equations in many Functions, and the Symbolic Forms of the Canonical Type Connected with Them," Dok. AN, 41, No. 2, 1943.
Mbr. Acad. Sci. of Ukr. SSR c. 1943

"Symbolic Forms of the Canonical Type Separating One or a Row of Linear Factors, and the Equations Linear in Jacobians Connected with Them," Dok. AN, 42, No. 1, 1943.

PFEYFER, G. V.

"Concerning the Equations, Semi-Jacobian Systems of Equations, Generalized Semi-Jacobians with Partial Derivatives of the First Order to Several Unknown Functions," Dok. AN, 52, No. 8, 1946

"Concerning the Equations, Systems of Semi-Hamiltonian Equations with Partial Derivatives of the First Order to Several Unknown Functions," Dok. AN, 52, No. 9, 1946

"Concerning the Equations, Semi-Connected Generalized Systems of Equations of the Sequence $P(\mathbb{P}^n, K)$ of the Class $g=n-1$ with Partial Derivatives of the First Order to Several Unknown Functions (1)," Dok. AN, 52, No. 2, 1946 and No. 3, 1946

"Concerning the Equations, Systems of Semi-Mixed Equations with Partial Derivatives of the First Order to Several Unknown Functions," Dok. AN, 52, No. 4, 1946

PFEYFFER, Yu.V. [deceased]

Simplest types of equations and systems of integrable partial
differential equations of the first order with one or many
unknown functions. Nauk.zap.Kiev.un. 7 no.4:17-22 '48.

(MLRA 10:5)

(Differential equations)

LANG, Karoly, MALOSINER, Jozsef; NEMETH, Janos, VERTES, Sandor;
ARANYI, FOVASS, Vilmos; TRAKOVICS, Jozsef, NEMETH, Gyorgy;
RACZ, Otto; PFISZTER, Janos

Plastic pattern production in the Csepel Iron and Steel
Foundries. Köt. lap 97 no. 1. Suppl. Ontode 15 no. 2:30-45
F 164.

1. Csepel Iron and Steel Foundries, Budapest (for Lang, Malosiner
and Racz). 2. Ganz-Mavag (for Janos Nemeth, Vertes and Aranyi).

PFITZNER, H.

Metal complex dyes without sulfonic acid group for tex-
tile dyeing. H. Pfitzner. *Angewandte Textilber.* 33,
645-51 (1954). — Description of the development of
metallic dyes and 1:2 dye complexes of trivalent metals
free from sulfonic groups. The Naphthalene dyes of B&B
(chroma complex dyes) are represented as the latest de-
velopment in this field, and a group of new dyes of this type
will soon be on the market. M. Dolinsky

Handwritten initials or signature.

KAPITANCZYK, Kazimierz; MIELNICKI, Mieczysław; PFLANTZ, Jutta

Determination of carbon in sulfur in steel from one assay.
Chemia Poznan no.2:47-57 '64.

1. Department of General Chemistry, Technical University, Poznan.

PFLAUMER, O.E., kand.tekhn.nauk

Determining the wearability and deformability of floor materials
under local compression; excluded are natural stone, ceramics,
and concrete with stone aggregates. Stroi. mat. 8 no.8:33-34
Ag '62. (MIRA 15:9)

(Floors—Testing)

PFLAUMER, O.E.; TYUTYUNIK, M.S., red. izd-va; MOCHALINA, Z.S., tekhn.
red.

[Principles and practice of ultrasonic testing of concrete]
Osnovy i praktika ul'trazvukovykh ispytaniy betona. Moskva,
Gosstroizdat, 1962. 39 p. (MIRA 15:12)
(Ultrasonic testing) (Concrete--Testing)

SOV/97-59-1-10/10

AUTHOR: Pflaumer, O.E., Candidate of Technical Sciences

TITLE: Definition of Strength of Concrete in Tension Using Compressed
Cylindrical Testing Samples (Oprecheniye na szhimayemykh
tsilindricheskikh obraztsakh prochnosti betona pri rastyaznenii)

PERIODICAL: Beton i Zhelezobeton, 1959, Nr 1, pp 33-36 (USSR)

ABSTRACT: The strength of concrete during tensioning can be obtained with satisfactory accuracy using cylindrical testing samples of 15 mm diameter and 30 cm length, loaded longitudinally (as illustrated in Fig. 2), and 15 mm wide and 3 mm thick pads. In a similar way the strength of natural stones during elongation can be defined, but in this case the cylindrical stone samples have a diameter of 5 cm. The method described has many advantages, and standardization is advocated. Fig. 1 gives the types and sizes of various non-standardized testing samples as used at present for definition of the strength of concrete during tensioning. In 1947 F. Carneiro (Brazil) devised a new method of testing the strength of concrete in Card 1/3 tension, which considerably reduces the shortcomings of

SOV/97-59-1-10/18

Definition of Strength of Concrete in Tension Using Compressed
Cylindrical Testing Samples

and (c) cylindrical samples. The composition of concrete mixes, the time of hardening, the strength of the concrete samples at the time of testing, and the strength in compression, are tabulated. Before the mechanical tests, the homogeneity of the concrete of all samples was tested by means of ultrasound. Both foreign and Russian tests prove the worth of the method of defining the strength of concrete during tensioning shown in Fig.2. There are 6 figures and 1 table.

Card 3/3

PFLAUMER, O.E., kand. tekhn. nauk

Using ultrasonic techniques in testing the strength of concrete.
Avt.dor. 22 no.1:11-12 Ja '59. (MIRA 12:2)
(Ultrasonic waves--Industrial applications)
(Concrete--Testing)

KRESTOV, M.A.; DOBRYAKOVA, L.I.; KOSHKIN, V.G.; YEVDOKIMOV, A.A.;
IVANOVA, V.V.; KHMELEVSKIY, V.A.; KOSTOCHKINA, T.V.; PFLAUMER,
O.E., kand.tekhn.nauk, nauchnyy red.; SEVORTSOVA, I.P., red.
izd-va; TEMKINA, Ye.L., tekhn.red.

[Finishing large panels and blocks using colored concretes]
Otdelka krupnykh panelei i blokov s primeneniem tsvetnykh beto-
nov. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.
materialam, 1959. 87 p. (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroi-
tel'nykh materialov. 2. Institut novykh stroitel'nykh materialov
(for Krestov, Dobryakova, Koshkin, Yevdokimov, Ivanova, Khmelevskiy).
3. Institut betona i zhelezobetona (for Kostochkina).
(Building blocks)

YEVDOKIMOV, A.A., inzh.; PFILAUER, O.E., kand.tekhn.nauk; GUZMAN, M.A.,
red.izd-va; PRUSAKOVA, T.M., tekhn.red.; STEPANOVA, E.S., tekhn.red.

[Technology and engineering properties of concretes made with
artificial porous aggregates; a scientific report] Tekhnologiya i
stroitel'nye svoistva betona na iskusstvennykh poristyykh zapolni-
teliakh; nauchnoe soobshchenie. Moskva, Gos.izd-vo lit-ry po
stroit., arkhitekt. i stroit.materialam, 1959. 69 p. (MIRA 12:3)
(Concrete)

PFLEGER

APPROVED FOR RELEASE: 06/15/2000
Prague, Czech Republic, p. 113, KREMA VLASTI, Praha, No. 8
Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,
no. 10, Oct. 1955. "incl.

PFLIEGEL, Peter, inz.

New television receivers at the Hannover Fair. Tech. paper 16 no. 2:
622-624 Ag 16.

FAHRNER, R., inz.; CADEK, A.; POUR, B., inz., dr.; HLEBUSEK, inz.;
PFLEGER, V.; NETUSIL, J.; REISS, L., prof., inz.; KOHOUT,
J.; KRIKA, J.; VLASAK, J.; VLACH, J., inz., dr.; JIPNY, St.,
KALDROVIC, P.; JIRASEK, J.; BURES, J.; SCHIFFLER, O., inz.;
LIDICKY, Fr., inz.; BRAUNER, J., inz.

Record of the 1st National Conference of the Czechoslovak
Scientific and Technical Society, Section for Power Engineering,
held in Prague, April 1961. Energetika Cz 11 no. 6 Suppl.:
Energetika 11 no. 6:1-11 '61.

ITIKOV, V.

"The Pilot File", p. 1, (MILITARY, Vol. 1, No. 1, A. 1, 194,
Brake, Czechoslovakia)

CC: Monthly List of East European Accidents, (EBA1), LC, Vol. 1,
No. 1, Ver. 101, 1967.

WFLDGE, W.

"The Ciphers A, B, and C", I. 151, (WFLDGE, Vol. 1, No. 1, Ser. 1, 1954, Praha, Czechoslovakia)

SC: Monthly List of East European Accidents, (EAL), I. 151, No. 1, Ser. 1, 1954, Incl.

WILSON, .

"Interaction", p. 454, (JILM "LSE", Vol. 4, No. 12, 1964, 1965,
Czechoslovakia)

SC: Identity List of East German Academics, (JILM), 13, Vol. 4,
No. 1, Jan. 1964, 1965.

PFLIEGEL, Peter, 1920-

Problems in the history of the...
17 no. 1:59-60, 64-65

1. Tesla National Institute, 1974.

FRUITFUL in the field

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2011-01-01 00:00:00

1911-1918, 1.

Jiri Gut, Jiles Kraus, and Larel Kechicoff's Go zkosma a vyraab chodie (Gut: is Investigated and Produced by Chemistry); a book review.

p. 95 (Cherdiky Prany 1. 7 1. 7, no. 2, Feb. 1957, trans. (see on book))

Monthly Index of the Soviet /c sessions (M.I.) 1. 7 1. 7, no. 2,
February 1958

PFLIEGEL, Theodor; ADAMEK, Milan; VOZNIKOVA, Eva

Data on the effect of concentrated sulphuric acid on some substituted 1,4-arylamino-arylamino-anthraquinone. Chem. pap. 14 no.12:641-643 1965.

1. At present: in town, Budapest. Address: Feri utca 1. P. 1013 of Organic Substance Technology of the Higher School of Chemical Technology, Feri utca 1 for Adamek and Voznikova.

PFLIEGL, Petr, inz.

Information of interest from the Hanover Fair on the technology
of radio receivers and magnetophones. Sdel tech 12 no.11:421-
422 N '64.

PFLIKGRI, Peter. 1974.

Decade electron tubes. Tech paper 16 no. 111. 17-18. N. Y.

PFLIYER, P.M.

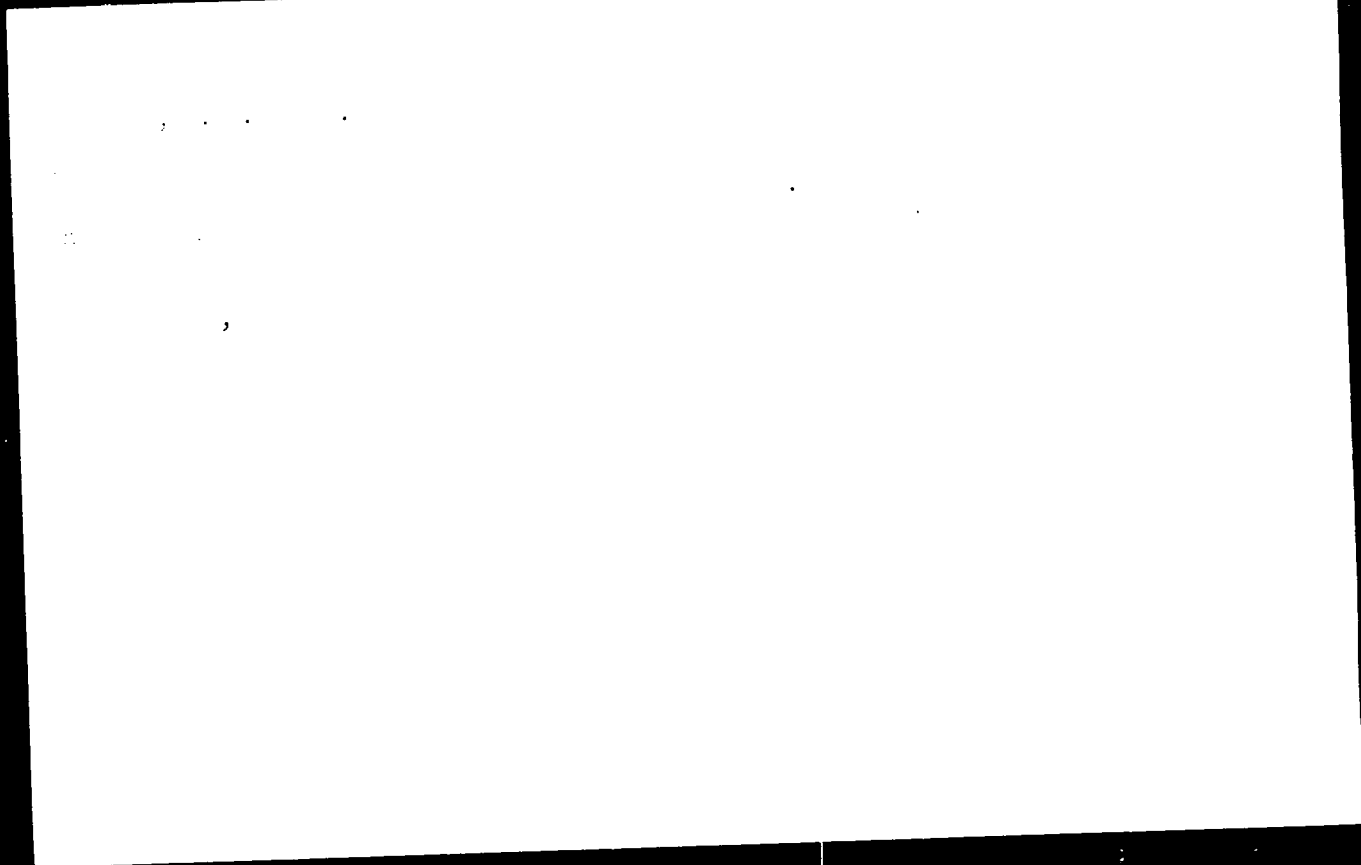
Electric Measurement of Lightning Magnitude

Offitunov, M. I.

281. Offitunov, M. I. Variation method for the solution of problems in plane elasticity theory for a single-connected area bounded by two arbitrary curved and two parallel straight lines (in Russian), *Inzhener. Zhurnal, Akad. Nauk SSSR* 15, 43-50, 1969.

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CIA-RDP86-00513R001240720013-1"

PPLEB, 3.

"Parity (Burlington State)"

1.
August 1, 1964.

PFLUG, J.

Effect of alcohol on wound healing. Rozhl. chir. 41 no.10:687-692
O '62.

1. Chirurgická klinika základna Ustavu pro doskolování lékařů v Praze
8 - Bulovka, přednosta prof. dr. J. Knobloch.
(WOUND HEALING) (ALCOHOL ETHYL) (THIOPENTAL)

KVICALA, Vaclav; PFLUG, Josef

The effect of cerebrospinal trauma on the hemato-encephalic barrier. Rozhl. chir 41 no.4:246-249 Ap '62.

1. Neurologická klinika KU v Praze, přednosta akademik K. Henner
Klinika chirurgická základna UDL v nemocnici na Bulovce v Praze,
přednosta prof. MUDr. J. Knobloch, DrSc.
(BRAIN wds & inj) (HEMATO ENCEPHALIC BARRIER)
(POTASSIUM csf) (IODINE csf)

KNOBLOCH, J.; PFLUG, J.

On the problem of prevention of thromboembolic disease in surgery.
Cas. Lek. Cesk. 101 no.9:261-267 2 Mr '62.

1. Chirurgická klinická základna UDL v Praze 8 - Bulovka, přednosta
prof. MUDr. Jan Knobloch, DrSc.

(THROMBOEMBOLISM prev & control)
(COUMARINS ther)

S/035/62/000/008/029/090
A001/A1C1

AUTHORS: Jäger, F. W., Pflug, K.

TITLE: The methods of determining intensity drops at the solar limb during a total eclipse

PERIODICAL: Referativnyi zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 63 - 64, abstract 6A+20 ("Monatsber. Dtsch. Akad. Wiss. Berlin", 1961. v. 3, no. 3 - 4, 135 - 148, German)

TEXT: The expedition of the Potsdam Observatory intended to carry out, during the total solar eclipse of February 15, 1961, precise measurements of intensity drop at the very limb of the solar disk. The expedition was sent to Rumania, Constanța region. Unfavorable weather hindered the completion of the program scheduled. Expedition equipment is described, which was planned for determination of intensity drop by K. Schwarzschild's photographic method, i.e., by photometering individual sections of crescents. The equipment consisted of a coelostat, a slitless spectrograph with 33° prism, a filming camera with frame frequency of 25/sec, and a 4-loop oscillograph. A chronograph, a 25-cps oscil-

Card 1/2

The methods of...

S/035/62/000/008/029/090
A001/A101

lator and radiosignals were used for precise determination of time. Rapid intensity drop at the limb calls for the application of neutral filters which should be so selected that blackening from all sections of the disk would not go beyond the linear part of the characteristic curve. A special appliance inserted automatically the filters at corresponding time instants. Equipment and measurement methods should be so selected that it would be possible to carry out, in addition to photometric tasks, precise measurements of contact instants and to study the profile of the lunar edge. There are 10 references. ✓

R. Teplitskaya

[Abstracter's note: Complete translation.]

Card 2/2

PFLIEGEL, Theodor

"Chemistry of dyes" by J.M.Kogan. Reviewed by Theodor Pfliegel.
Chem prum 12 no.3:151-152 Mr '62.

1. Vysoka skola chemickotechnologicka, Fradubice.

PFLUG, Josef; HERCZ, Josef

Treatment of abrasions and minor injuries of the skin. Rozhl.chir.
39 no.6:413-417 Je '60.

1. Chir.klin. základna UDL v Praze 8, na Bulovce, prednosta prof.
dr. Jan Knobloch.
(SKIN wds & inj)

KNOBLOCH, Jan; PFLUG, Josef

The problem of gangrene of the lower extremities in diabetes mellitus. Rozhl.chir.40 no.2-3:125-131. Mr '61.

1. Chirurgická klin.zakl.UDL v Praze 8, na Bulovce, predn.prof.
MUDr. Jan Knobloch, Dr.Sc.
 (DIABETES MELLITUS compl)
 (GANGRENE etiol)
 (LEG dis)

MACH, Frantisek; KONOPASEK, Jiri; HAK, Antonin; PFLUG, Josef; HOSCHLOVA,
Dagmar; VOKNER, Jiri

On the problem of the diagnosis of concussion of the brain. Rozhl.
chir. 39 no.8:549-555 Ag '60.

1. Klinika chirurgicka zakladna UDL v Praze 8, Bulovka, prednosta
prof. MUDr. Jan Knobloch, doktor lekarskych ved.
(BRAIN wds & inj.)

PFLUG, Josef, MUDr.; LUNDA, Otakar, MUDr.

Epicondylitis humeri. Acta chir. orthop. traum. cech. 22 no.6:
222-227 Nov 55.

1. Chirurgické oddelení OUNZ Susice, primar MUDr. Josef Pechmann,
a chirurgické odd. polikliniky fakult. nemocnice v Praze II,
prednosta prof. MUDr. Vaclav David.
(HUMERUS, diseases,
epicondylitis)

P. Flugge
 Book—1961. P. Flugge, A. Elementary theory of shells [Flu-
 menschen Schalenstheorie]. Berlin, Springer-Verlag, 1957, vii + 112
 pp.

This is a well-prepared expanded edition of an earlier book by
 the same author, "Einführung in die Schalenmechanik," Hermann
 Schroedel Verlag, 1948. This small book is divided into seven
 parts. In the first part, pages 1 to 5, a few remarks regarding the
 technical theory of shells are made. In the second part, pages 5
 to 10, the membrane theory of shells having the form of a surface
 of revolution is treated. The usual cases of spherical domes, tank
 bottoms, cones, and shells of constant strength are discussed.
 Some information on stresses due to wind loads on cones is also
 given. Third part, pages 10 to 68, is devoted to the bending theory of
 shells having the form of a surface of revolution. The theory is
 clearly developed and illustrated by examples of vertical cylindrical
 tanks subjected to hydrostatic pressure. An approximate solu-
 tion for any rotational shell is also given.

In part four, pages 69 to 81, membrane theory of cylindrical
 shells is discussed, whereas in part five, pages 81 to 85, elements
 of the general membrane theory following Pucher are developed.
 This theory is applied to a hyperbolic paraboloid shell subjected
 to a uniform load. Part six, pages 85 to 90, is devoted to miscel-
 laneous items of stress analysis. In the last part of this book,
 pages 91 to 110, besides a brief selected list of references, are

PP1042-A

This book is intended for engineers and designers for the design of shells of revolution, conical shells, circular cylindrical shells, cylindrical vaults, and for hyperbolic paraboloid shells.

This book can be warmly recommended to engineers studying theory of shells for the first time as well as to practicing engineers concerned with the design of the simpler types of shells.

E. I. Popov, USA

3
4P1

3/4

KOTTOVA-TRAPLOVA, A., MUDr.; PFLUGOVA-PROCHAZKOVA, E., MUDr.; KOTT, B., MUDr.

Heart complications in whooping cough. Cesk. pediat. 11 no.9:
674-677 Sept 56.

1. Infekcni klinika na Bulovce v Praze.
(WHOOPING COUGH, compl.
cardiac (Cz))
(HEART, in various dis.
whooping cough (Cz))

CZECHOSLOVAKIA

PFORR, G; KAPICKA, V

1. Institute of Physical Chemistry, Friedrich Schiller University, Jena, German Democratic Republic - (for ?);
2: Institute of Electronic and Vacuum Physics, Purkyne University, Brno - (for ?)

Prague, Collection of Czechoslovak Chemical Communications
No 12, December 1966, pp 4710-4712

"On the temperature of torch discharge for spectral analysis in solution."

Influence of the constitution of photographic plates on their spectral sensitivity and gradation.
A. P. Roman and V. R. Prigorenko (Izv. Akad. Nauk, 1950, 13, 357-367).—The ordinary methods of sensitivity have been compared with one another and the causes of error investigated. A series of light similar to daylight has been obtained by the use of a 3.5-watt filament lamp and a filter of ammoniacal copper sulphate solution. With the aid of this lamp the sensitivity of different photographic emulsions has been measured both by the Schinner spectrometer and the Eder-Rohde wedge spectrometer, and the results are compared with one another and with the commercial data. The resulting

influence of a number of substances on different emulsions has been examined. Dyes such as erythrin, phthalocyanine, panchromatic-violet, and ultraviolet sensitive dyes, increase the total sensitivity. The greatest increase is observed in the yellow, and emulsions originally only sensitive to blue become sensitive to green, yellow, and red at the expense of the blue. An aqueous dye solution may act as a sensitizer, while the alcoholic solution may be inactive. Dyes belonging to the xanthine and cyanine groups have no effect. Dinitro hypochlorite, which also slightly increases the sensitivity. Photographic emulsions are a general denaturation. Experiments have been made in hyperinactivation with ammoniacal, and in ultraviolet sensitization with ammoniacal silver chloride solution, of various kinds of plates. The sensitivity for all wave-lengths appears to be increased without decreasing the time of fixing. By a preliminary illumination with a faint source of light the plates to be ultra-sensitized the sensitivity is still further increased, but the stability of the emulsion is not very great, the sensitivity being reduced with time. A method for determining gradation for any wave-length, and dispensing with the use of curves have been devised. A number of gradation by different methods, and the influence of different methods of sensitization on the blackening curves has also been examined. Curves showing change of gradation with time of illumination for a constant intensity of light, and change of gradation with intensity of light for equal times of illumination, have been obtained for different coloured light. The intensity curves are found to be steeper than the time curves. The absorption spectrum of the new sensitive chlorochromes has been determined, and its maximum absorption has been found to correspond to maximum sensitization.

M. S. Burn.

MOISEYEV, I.I., inzh.; IPUL', B.Z., inzh.

New mechanized instruments in the machine tools
Administration for housing and public construction
of Moscow. Stroitel. i dor. mash. 7 no.7:12-45 1971.

PFUL', B., inzh.; SAVINOV, S., inzh.

Small equipment for finishing work in Czechoslovakia. Zhil. stroi. no.1:
30-31 '63. (MIRA 16:2)

(Czechoslovakia—Building—Tools and implements)

PFUL', B.Ye., inzh.; UKRAINCHIK, M.M., inzh., red.

[The PV-1 and P-3 machines for unloading loose and fine materials from railroad cars] Mekhanizmy PV-1 i P-3 dlia vygruzki sypuchikh i melkokuskovykh materialov iz zheleznodorozhnykh vagonov; iz opyta TSentrakademstroia Akademii nauk SSSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt., i stroit. materialam, 1961. 13 p. (MIRA 14:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Glavnyy mekhanik TSentrakademstroia Akademii nauk SSSR (for Pful').
(Loading and unloading)

ULANOV, R.N.; LANTSOV, V.A., starshiy nauchnyy sotr.; AL'PEROVICH, A.I.;
PFUL', B.Ye., inzh., red.; KODABASHEVA, R.S., inzh., red.; YEFRE-
MENKO, V.P., inzh., red.

[Hoists used in construction] Stroitel'nye pod'emniki; sbornik opi-
sanii ratsionalizatorskikh predlozhenii. Moskva, Gos. izd-vo lit-
ry po stroit., arkhitekt. i stroit. materialam, 1961. 34 p.

(MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Glavnyy konstruktor liteyno-mekhanicheskogo zavoda Leningradskogo upravleniya zhilishchnym khozyaystvom (for Ulanov).
3. Leningradskiy nauchno-issledovatel'skiy institut Akademii kommunal'nogo khozyaystva im. K.D.Pamfilova (for Lantsov). 4. Glavnyy inzhener Tsentral'nogo remontno-mekhanicheskogo zavoda Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta deputatov trudyashchikhsya (for Al'perovich).
(Hoisting machinery)

MALYSHEV, V.G., inzh.; MAMONTOVSKIY, V.A., inzh.; PFUL', B.Ye., inzh., red.

[Machine for boring holes in frozen ground] Mashina dlia bureniia shpurov v merzlykh gruntakh; po materialam PKB Glavstroimekhanizatsii Ministerstva transportnogo stroitel'stva SSSR. Moskva, Gosstroizdat, 1960. 6 p. (MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Proyektno-konstruktorskoye byuro Glavnogo upravleniya po mekhanizatsii stroitel'nykh rabot Ministerstva transportnogo stroitel'stva SSSR (for Malyshev, Mamontovskiy).
(Boring machinery) (Frozen ground)

MOISEYEV, P.I., inzh.; PFUL', B.Ye., inzh.

New construction equipment on the building sites of the
Main Administration for Housing and Public Construction
in the City of Moscow. Stroi. i dor. mash. 9 no.6:
L-7 Jo '64.

(MIRA 18:11)

PFUNDNER, Vilko

Chemical Abst.

Vol. 48 No. 3

Feb. 10, 1954

**Fats, Fatty Oils, Waxes, and
Detergents**

① Fuchs

Sintendon, a new washing medium made from the sulfate of the monoglycerides of cocoa oil. Vilko Pfundner, Zbornik 1951, 178-81. — In order to find a synthetic material which could be produced in Yugoslavia from materials which were readily available, P studied the production of the sulfates of the monoglycerides from cocoa oil. The triglyceride of the fat is treated with glycerol in H_2SO_4 , and then the reaction mixt. is neutralized, with cooling, with an org. or inorg. base. The monoglyceride is sulfonated at the 2 free OH groups. The qualities of this detergent are discussed. Its properties are compared with those of other synthetic soaps and found to be superior. J. Rovent Leach

PFÜTZNER, Boleslaw, dr

Present state and development prospects of the production of
laboratory glass equipment in Poland. Chemik 15 no.4:134-136
Ap '62.

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042

A. J. ...
...
... OK.

1. J. Kiliński, Instytut Zoologii, Uniwersytet Warszawski, ul. Żwirki i Wigury 101, 02-093 Warszawa; kierownik: prof. dr. J. Biliński; oddział: karyolog; kierownik: dr. J. T. (dr) oraz Pl. (dr) i prof. Kobieliński, Instytut Zoologii, Uniwersytet Warszawski, ul. Żwirki i Wigury 101, 02-093 Warszawa; kierownik: prof. dr. Dora Kollie).

PHILIP, Miklos

It started this way. Miaz elet 20 no. 7:5 2 Ap 1969.

PHILIPP, Gyorgy, dr.; VICTOR, Agoston, dr.

Effects of chlorpromazine preparations in the dilative phase
of labor. Orv.hetil. 100 no.34:1217-1218 Ag '59.

1. Budapest Fovarosi Tanacs Janos Korhaz (igazgato: Tako
Jozsef dr.) II. szuleszeti osztalyanak (foorvos: Hancsok Mariusz dr.)
kozlemeny.

(LABOR physiol.)

(CHLORPROMAZINE pharmaccl.)

PHILIPP, Gyorgy; GABOR, Stockler

~~*****~~
A case of thoracophagus. Magy. noorv. lap. 17 no.3:184-185 May 54.

1. A Vaci Jarasi Korhaz (Ig. foorvos: Szandanyai Zoltan dr.)
Szulo- es Nobeteg Osztalyanak kozlemenye (onzt. foorvos: Akkermann
Janos dr.)

(MONSTERS,
thoracophagus, case report)

RUMANIA/Lacquers, Paints, Lacquerpaint Covers.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66117

Author : Teichel, I., Philips, I., Seccsan, E.

Inst : -

Title : Extraction of Ferric Oxide Pigments. Theoretical Part.

Orig Pub : Bull. stiint. si tehn. Inst. politehn. Timisoara, 1956,
1, No 1, 361-373.

Abstract : Experiments are described for the extraction of pigments
from pulp obtained as waste from the production of
aniline.

Card 1/1

SZABO, Pal Zoltan; JONAS, Klara, dr.; VARADI, Gyorgy; BIRO, Antal;
 UPOR, Endre; RADO, Aladar; CZIRJAK, Imre; KOVACS, Jenő;
 VALKO, Endre, dr.; ADONYI, Ivan; FODOR, Gyorgy; OSZETZKY,
 Egon; KALMAR, Pal; DANYI, Dezső; GYORGY, Karoly; OVARI, Antal;
 PHILIP, Miklos; BAKAI, Laszlo; JOO, Oskarne; SZITAS, Lajos;
 HELLENYI, Miksa; KOLTA, Janos.

Formation of an uniform country organization for the Federa-
 tion of Technical and Scientific Associations. Pecszi musz
 szemle 8 no.4:19-23 O-D'63.

1. "Pecszi Muszaki Szemle" foszerkesztoje (for Fodor).
2. "Pecszi Muszaki Szemle" szerkesztoje (for Hellenyi, Kolta
 and Oszetzky).

PHILIP, Miklos; GAL, Odon; CZEDREKY, Laszlo

Conference on the exchange of technical experiences arranged by the executive committees of the rural areas. Musz élet 19 no.3:2 30.Ja'64.

1. Muszaki es Termeszettudomanyi Egyesuleted Szovetsege fotitkarhelyettese (for Philip). 2. Muszaki es Termeszettudomanyi Egyesuleted Szovetsege Kozponti titkara (for Gal). 3. Muszaki es Termeszettudomanyi Egyesuletek Szovetsege debreceni intezobizottsagi titkara; orszaggyulesi kepviselo (for Csedreky).

PHILIPP, B., dr.

Influence of the wood species and digestion process on the
xanthogenation operation of pulps. Cel hirtie 10 no.7/8:
258-265 J1-Ag'61.

1. Institutul de cercetari pentru materiale fibroase si
tehnica textila din Teltow Seehof al Academiei de stiinte,
RDG.

PHILIPPOVICH, Viktor

"Surface protection of low-voltage appliances" by K.Dhen.
Reviewed by Viktor Philippovich. Elektrotehnika 53 no.7:
327 '60.

PHILIPPOVICH, Viktor

"Present state of high-voltage appliances, test installations
and performance tests in the AEG factory." Elektrotechnika
51 no. 7/8:417-420 '68.

POLAND/Chemical Technology - Chemical Products and Their
Application - Elements, Oxides, Mineral Acids,
Alkalis, Salts.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36790

Author : Phischinger, E., Koneczny, H.

Inst :

Title : Effect of Temperature on the Carbonization Efficiency
in the Soda Process.

Orig Pub : Przen Chem., 1956, 12, No 11, 629-632

Abstract : Effect of the solutions' temperature increase (optimum
temperature being 26-28°C) on ammonia-soda process was
determined. A study was conducted on the possibility of
compensation for the negative effect of temperature in-
crease, by a positive action of NH_4^+ concentration in-
crease under constant partial pressure $P(\text{P} = \text{PCO}_2 +$
 $\text{FNE}_3 \rightarrow \text{F}_{\text{H}_2\text{O}})$ and constant concentration of Cl^- .

Card 1/3

18

POLAND/Chemical Technology - Chemical Products and Their
Applications - Elements, Oxides, Mineral Acids,
Alkalis, Salts.

H.

Abs Jour : Ref Zhur - Khimiya, N 11, 1958, 36790

Statistical conditions of NaHCO_3 and $\text{NaHCO}_3 + \text{NH}_4\text{HCO}_3$
solubility in an aqueous solution of NH_4Cl at 25, 30, 35, 40, 45°C, P = 2 atm, and initial NH_4Cl solution concentration of 103 mg-equiv. in 20 ml have been determined. NaHCO_3 solubility increased with an increase in temperature (19.42 mg-equiv. per 20 ml at 25°C and 26.15 mg-equiv. in 20 ml at 45°C). The solubility of $\text{NaHCO}_3\text{-NH}_4\text{HCO}_3$ mixture decreased with the increase of temperature, while that of NH_4HCO_3 increased from 1.04 mg-equiv. per 20 ml at 25°C to 30.67 mg-equiv. at 45°C. NH_4HCO_3 has a desalting effect on NaHCO_3 accompanied by an increase in reaction yield. At 25°C addition of NH_4HCO_3 is ineffective.

Card 2/3

POLAND/Chemical Technology - Chemical Products and Their
Applications - Elements, Oxides, Mineral Acids.
Alkalis, Salts.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36790

At higher temperatures 79-80% yield of NaHCO_3 may be
obtained. Therefore an excess of NH_3 should be intro-
duced under pressure into the carbonization columns.

Card 3/3

17

GARWACKI, Janusz; PHOTIADES, Dimitri P.; LAMBIS, Andreas S.

Electronarcosis in operative surgery. Pol. tyg. lek. 18
no.33:1217-1220 12 Ag '63.

1. Z Oddzialow Chirurgicznego i Anestezjologicznego Kumasi
Central Hospital, Kumasi Ghana West Africa; kierownik Oddzialu
Chirurgicznego: Evans - Anfom F.R.C.S., kierownik Oddzialu
Anestezjologicznego: Janusz Garwacki, MD.
(ELECTRONARCOSIS) (SURGERY, OPERATIVE)

KURTOVA, L.V.; BOL'SHAKOVA, L.P.; PHYUSHCHEV, V.Ye.

Study of equilibrium in the system $\text{LiNO}_3 - \text{NaNO}_3 - \text{H}_2\text{O}$ at 25° .
Zhur. neorg. khim. 8 no.8:1993-1994 Ag '63. (MIRA 16:8)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni
Lomonosova.

(Alkali metal nitrates)
(Phase rule and equilibrium)

PIACETSKAIA, A.

"La sulfidine dans la therapie des maladies internes." Froumkine, V., et Piacetskais, A.,
(p. 423)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 18, no.5.

FIACHY, J.

"Gliders in the country of amber. . .

p. 10 (Kridla Vlasti Vol. 4, no. 4, Feb. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) 13, Vol. 7, No. 6, June 1958

PIACZYŃSKA, Małgorzata

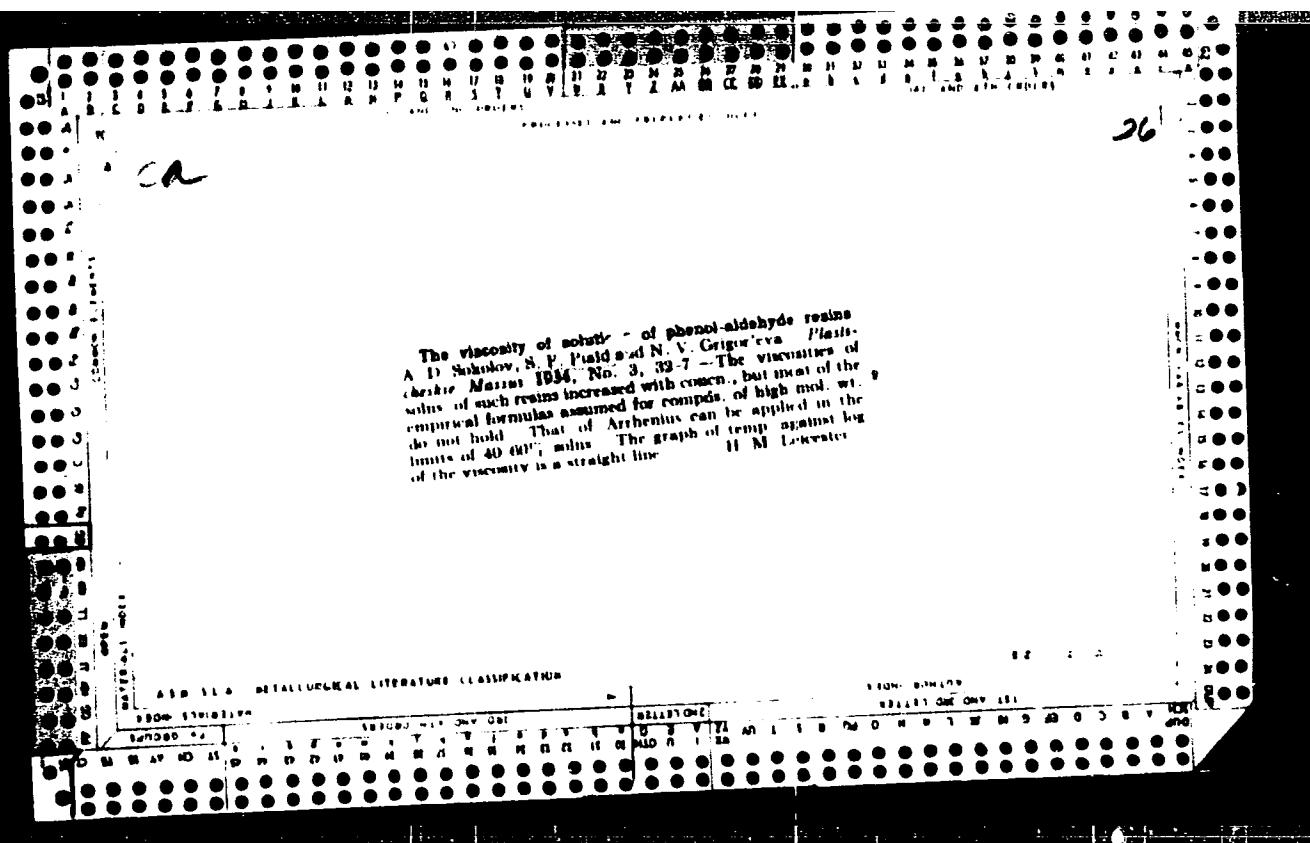
Epiphytic lichen associations in the Lubuska region
Biologia Poznań 20:47-72 '64

1. Department of Plant Taxonomy and Geography of the A.
Mickiewicz University, Poznań.

PROCESSES AND PROPERTIES INDEX																									
The influence of the conditions of condensation upon the properties of ammoniacal phenol-aldehyde resins. A. I. Sokolov and O. F. Pinaid. <i>Plasticheskie Massy</i> 1933, 13, 16; <i>Chem. Zentr.</i> 1934, II, 2752; cf. C. A. 28, 3803i, 6579i.—Four parts of 25% aq. NH₃ to 100 parts PhOH were used for condensation. With increasing temp. of condensation (60-90°) the d. and viscosity of the resins decreased, as did the amt. of free PhOH. Likewise the resin yield and the velocity of polymerization increased with the temp.; the drying time decreased. A low condensation temp. is recommended for the production of resins of low viscosity. The same effect is obtained by 3 hrs. condensation at 70-5° and by 1 hr. at 100-5°. W. A. Moore																									
ASTM S. 4 METALLURGICAL LITERATURE CLASSIFICATION																									

1st AND 2nd INDEX										3rd AND 4th INDEX									
PROCESSING AND PROPERTY INDEX																			
BC										B-II-F									
Influence of the conditions of condensation on the properties of ammoniacal phenol-aldehyde resins. A. D. BUDOLY and O. F. PIKO (Inst. Chem., 1933, 13-14) — In prep. conditions: 20% aq. NH_3 and PhOH (I) in the ratio 4:100 the δ and η of the resin, and also the amount of Res (I), decreased with rising temp. (60–80°) of condensation. Simultaneously the yield of resin and the velocity of polymerization increased. (Ch. Ann. (p)																			
ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNONYM										FROM SYNONYM									
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SYNONYM										SYNONYM									

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSING AND PRIORITIES INDEX																																																			
ca 13 Some questions in the production of phenol plastics A. D. Sokolov, O. F. Piatl and N. V. Grigor'eva. <i>Narod- nyi Komissariat-Tyuzhdel' Prom. S. S. S. R., Nauch- Ispolovitel. Inst. Plasticheskikh Mass., Plasticheskie Massy, Sbornik 2, 179-80 (1937).</i> -- The presence of MeOH shows the condensation of PhOH and C_6H_6O with alk catalysts. As usual condensation proceeds, the sp. gr of the resin layer and the log of its viscosity increase di- rectly with time. The latter is the best property for following the reaction. H. M. Leicester																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION SBOM: 179-80, 179 SBOM: 179-80, 179 SBOM: 179-80, 179																																																			



PIAK Vlastimil

This is a note for the Jordan normal
 form. Von Neumann, Acta Sci. Math. Szeged 17
 (1955), 93-112.
 Let A be a linear transformation of the finite dimensional
 vector space X . The author shows how the theory
 of quaternions (see G. Birkhoff, *Algebre lineaire*, Actualités
 Sci. Ind. 10, 2, Hermann, Paris, 1947; MR 9, 406) can
 be exploited to give a short and illuminating geometric
 proof of the classical theorem: there exists a basis of X
 relative to which the matrix of A has the Jordan normal
 form.
 B. N. Moys (Vancouver, B.C.)

1-F.W


 MT

1ST. AND 2ND. EDITIONS										3RD. AND 4TH. EDITIONS									
PROCEDURE AND PROPERTIES INDEX																			
<i>13C</i> <i>B-1-2</i> Effect of pressure on absorption of oxygen by hard coal in presence of occluded gases. V. A. FIANOV and M. I. LOVINS (Ugri, 1935, No. 115, 25-26; cf. B., 1936, 639).—At 30° the absorption of O₂ by coal increases rapidly with pressure increase. During the first period of O₂ absorption the release of gases originally held by the coal is highest, particularly at pressures > 1 atm. Ctr. Ana. (c)																			
ASB-354 METALLURGICAL LITERATURE CLASSIFICATION 1935-1936 1937-1938 1939-1940 1941-1942 1943-1944 1945-1946 1947-1948 1949-1950 1951-1952 1953-1954 1955-1956 1957-1958 1959-1960 1961-1962 1963-1964 1965-1966 1967-1968 1969-1970 1971-1972 1973-1974 1975-1976 1977-1978 1979-1980 1981-1982 1983-1984 1985-1986 1987-1988 1989-1990 1991-1992 1993-1994 1995-1996 1997-1998 1999-2000																			

PIAKOWSKI, J.

Researches on the influence of additions hindering the crystallization of spheroidal graphite in cast iron, p. 143. (KRAKOW, Warszawa, Vol. 4, no. 1, 1954.)

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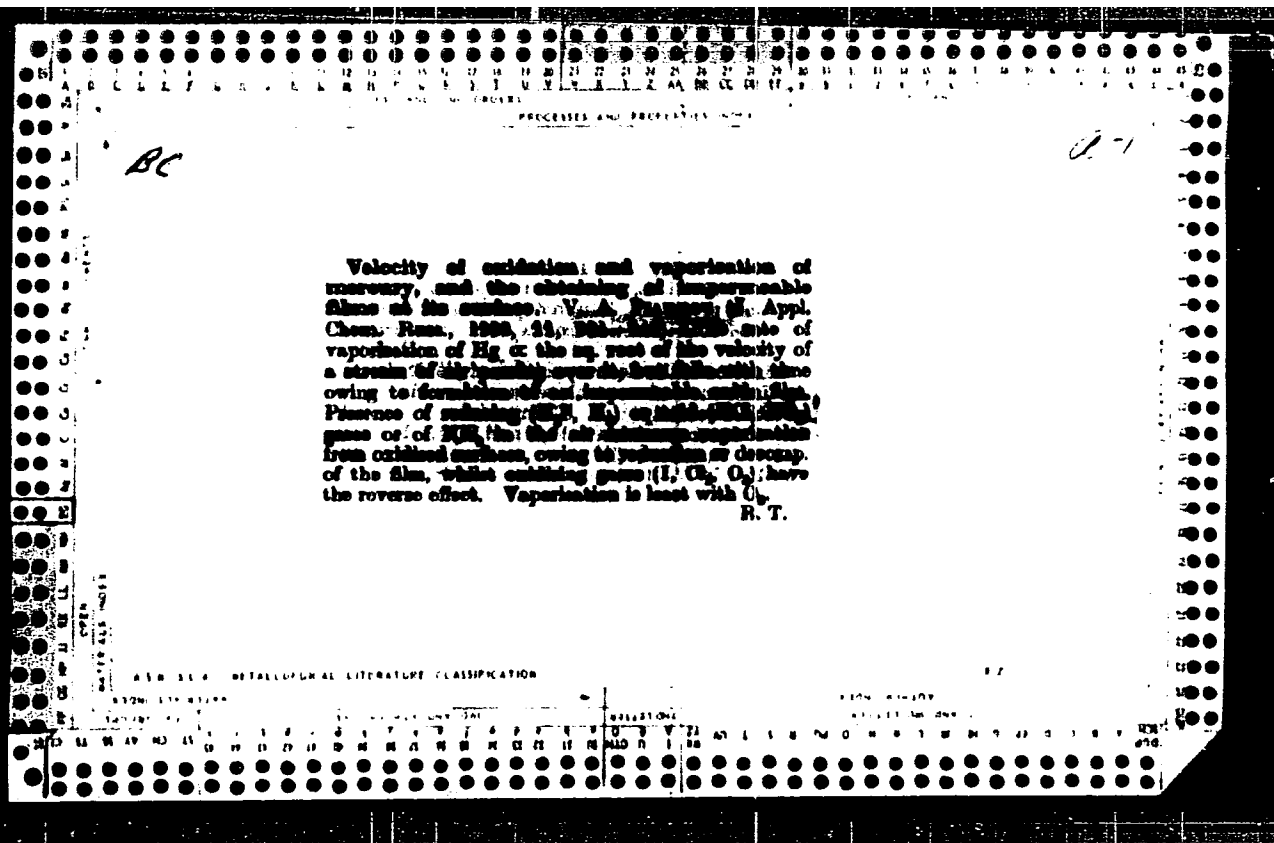
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117 AND 118 (2211)		119 AND 120 (2211)	
PROCESSES AND PROPERTIES INDEX			
BC		a-1	
Oxidation of nitric oxide in low concentrations, and its determination. V. FRANKOV (J. Gen. Chem. Russ., 1958, 3, 682-687).--Orion method is applicable to the determination of 0.1 mg. NO per liter of air. The process of oxidation takes place in two stages: $2NO + O \rightarrow N_2O_2$; $N_2O_2 + O \rightarrow N_2O_3$; the former reaction is practically instantaneous, while the velocity of the latter varies with concn. of NO, 88% of 0.05 mg.-% NO being oxidized to N_2O_3 after 2.5 hr., and only 34% of 0.04 mg.-% NO after 20 hr. at 16°. R. T.			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION			
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Absorption of hydrogen sulphide and sulphur dioxide from a current of air. V. A. PIANKOV (J. Gen. Chem. Russ., 5, 1112—1116).—The velocity of adsorption of H₂S by wood C is doubled at 20°, and quadrupled at 40°, by treatment with I, whilst for SO₂, it is increased 1·8 times at 20° and 40°.

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